

SYSTEM AND METHOD FOR INTERFACE ISOLATION AND
OPERATING SYSTEM NOTIFICATION DURING BUS ERRORS

ABSTRACT OF THE DISCLOSURE

5 A system and method for notifying an operating system of an error signal transmitted
by a communications medium is disclosed. The communications medium connects a plurality of
electronic devices. The operating system includes device drivers and is capable of configuring
communications between one or more applications and the communications medium. A detector
10 is coupled to the communications medium. The detector receives error signals transmitted by the
communications medium, one or more error signals associated with one of the electronic devices.
A BIOS is coupled to the detector. The BIOS is capable of determining an electronic device
associated with a first error signal. The BIOS generates a hot-eject signal identifying that electronic
device in response to the first error signal. The operating system blocks communications between
the applications and the identified electronic device in response to the BIOS generating the hot-eject
15 signal.